

Attachment A

OVER-ALL PURPOSE OF THE STUDY

1. To contribute to the over-all assessment of the Soviet defensive capability.

PROBLEM:

2. To determine the function, capability, and approximate cost of a facility associated with the Moscow guided missile defense rings.

ASSUMPTIONS AND GIVEN DATA:

3. Several facilities of the type shown by attached photography are placed on the inner SAM ring around Moscow.

4. These facilities are engaged in activity of an undetermined scope relating to a surface-to-air missile 38 to 44 feet in length.

5. The facility layout was designed about 1951-1952 solely for its present function.

6. Each facility is engaged in little or no research and development activity related to the missile or system.

7. Optimum conditions prevail with respect to availability of materials, manpower, and equipment.

DATA REQUIREMENTS

8. It is requested that the following assumptions be confirmed or denied from analysis of the available information:

Case I. Assume the installation is essentially a manufacturing facility for the surface-to-air missile in question.

Case II. Assume the installation is a storage, maintenance and operational preparation area for the nearby surface-to-air missile sites.

Case III. Assume the installation is for any purpose other than in the above two cases which in terms of your experience appears to be valid.

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9. For each Case above give a critical appraisal of the likelihood that the installation was constructed to serve the assumed purpose. Indicate general or specific factors in favor or against acceptance of the assumption.

10. For the purposes of this study the following minimum missile parameters are provided:

Type: surface-to-air
Length: 38-44 feet
Propulsion: Single stage liquid (nitric acid) with/or without booster
Guidance: Yo-Yo System

a. It is requested that some comment be made on the possibility of a solid propellant system being related to this facility.

11. Within the context of 8, and 10, above, and the Case or Cases selected as most probable, the following data are required, if applicable.

a. A facility layout indicating the probable functions of each building and a probable flow pattern.

MISSING PAGE

ORIGINAL DOCUMENT MISSING PAGE(S):

No Attachment BVC